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November 7, 2012

Mr. Wes Weaver, President  
Weaver Construction Management, Inc.  
3679 South Huron Street, Suite 404  
Englewood, CO 80110

***Via Email to: wes@weavercm.com***  
***No Hard Copy to Follow***

Re: Harold D. Thompson Regional Water Reclamation Facility (HDTRWRF)  
Lower Fountain Metropolitan Sewage Disposal District (LFMSDD)

Dear Wes:

Reference is made to your shop submittal identified as follows:

Submittal No.:	15400-007
Date of Submittal:	October 31, 2012
Title:	Seal Water Station Components - Filter Housing, Sediment Cartridge, Pressure Regulator, Solenoid Valve and Sight Flow Indicator
Specification Section:	15400
Manufacturer:	American Plumber; Watts Water Technologies; ASCO; W.E. Anderson

The referenced submittal has been stamped "***Make Corrections Noted***". Our comments are as follows:

1. We acknowledge the WCMI Additional Submittal Review Comments letter included in this submittal. Item No. 1 in that letter states that seal water stations will be installed at the WAS, RAS and Digester Decant pumps. Note that project documents require seal water stations to be installed at the scum and digested sludge pumps as well. WCMI shall be responsible for installing all required seal water stations in accordance with the project documents.
2. From the Design Team Conference held on November 8, 2012, it was decided that the seal water installations for the RAS pumps would ***not*** include solenoid valves. All other seal water installations will include solenoid valves, and specifically ones that fail in the open position.

Please verify the submitted solenoid valve is available in a fail open configuration. In addition, coordinate the appropriate electrical devices required for a fail open solenoid valve and submit documentation for those items.

3. Detail 2/DL-5 of the Project Drawings is a typical seal water schematic diagram. The following items are illustrated in that schematic diagram but are not included in this submittal.

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- Needle valve
- Pressure gauge
- Wye strainer
- Unions
- Ball valve

Please provide complete submittal documentation for the above listed items. If any of the above items have been approved through a separate submittal, please reference that previously approved submittal number and indicate the intent to use that same product with any model number and/or accessory variations noted.

4. We take no exception to the items included in this submittal provided the filter micron rating and the pressure regulator reduced pressure range submitted is acceptable to each pump manufacturer. WCMI shall verify the filter micron rating, seal water pressure range and seal water flow rate required by the manufacturer of each and every pump that requires a seal water station. Refer to previous comment No. 2 for exceptions to the solenoid valve submitted.

Please call if you should have any questions.

Sincerely,



Mark A. Morton, P.E.

MAM/lme

ec (letter only):

Mr. Jim Heckman, Manager, LFMSDD, [jfmanager@lfmsdd.org](mailto:jfmanager@lfmsdd.org)

Ms. Cindy Murray, Office Manager, Fountain Sanitation District, [fsdistrict@fsd901.org](mailto:fsdistrict@fsd901.org)

Mr. Jeff Burst, Project Supt., Weaver Construction Management, Inc., [jeff@weavercm.com](mailto:jeff@weavercm.com)

Mr. John Jacob, Project Mgr., Weaver Construction Management, Inc., [john@weavercm.com](mailto:john@weavercm.com)

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Ms. Leslie Brown, Weaver Construction Management, Inc., [leslie@weavercm.com](mailto:leslie@weavercm.com)

cc: Mr. Jerry Miller, Resident Project Representative, GMS, Inc. (w/enclosures)